

DELRID 1"

Work Order ID 78789

78789

Page 1

January-16-12 8:56:38 AM

Item ID: D3455-1 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Spacer

Start Date: 16/01/2012 Start Qty: 40.00 *40*

Required Date: 30/01/2012 Req'd Qty: 40.00 *40*

Reference: Cust Item ID:

Customer:

Approvals: Process Plan: MLJ Date: 12/01/10 Tooling: _____ Date: _____ Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3455	Rev A								

100 Hardinge CNC LATHE SMALL 0.00

100

Hardinge Memo 0.00

Hardinge CNC Lathe Small HARDINGE COBRA1-TURN AS PER FOLIO FA583 & DWG D3455

FOLIO REV: 4A DWG REV: A 2-DEBURR AS REQUIRED

OK 12/02/10 48

110 QC2- Inspect parts off machine FAI/FAIB 0.00

110

QC Memo 0.00

Quality Control

OK 12/02/10 48

120 QC8- Inspect parts - second check 0.00

120

QC Memo 0.00

Quality Control

SL 12-02-10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 78789

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 Item Name: Spacer
 Start Date: 16/01/2012 Start Qty: 40.00 ***40*** Cust Item ID:
 Required Date: 30/01/2012 Req'd Qty: 40.00 ***40*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Small Fab								
Small Fab	Memo	0.00							
Small Fab	Deburr if necessary.								
140		0.00							
140	QC5- Inspect part completeness to step on W/O								
QC	Memo	0.00							
Quality Control									
150		0.00							
150	Identify as per dwg & Stock Location: <u>44</u>								
Packaging	Memo	0.00							
Packaging									

Handwritten signature and date 12/02/14 with circled number 48

Handwritten "counts" and circled "x48"

Handwritten date 12/1/14, circled number 48, and signature

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 78789

January-16-12 8:56:38 AM

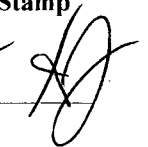
78789


Page 3

Item ID: D3455-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Spacer
 Start Date: 16/01/2012 Start Qty: 40.00 ***40*** Cust Item ID:
 Required Date: 30/01/2012 Req'd Qty: 40.00 ***40*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

12/2/15 

12-02-15


W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January-16-12 8:56:43 AM

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T

Work Order ID: 78789

78789

Parent Item: D3455-1

D3455-1

Parent Item Name: Spacer

Start Date: 16/01/2012

Required Date: 30/01/2012

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP REV. A 05.11.17 NEW ISSUE EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELRINR1.000		Purchased	No			100	f	60.6642	0.022	0.926316			

MDFI RINR1 000

Delrin Round Bar 1"

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT055	60.6642	
117985	0.407	
→ 118257	5.981	
118392	6.2762	
119306	48	

1.06' ~~43~~ on R12/02/10

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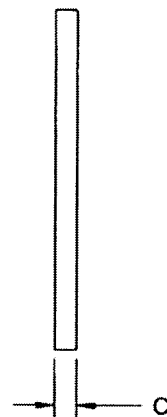
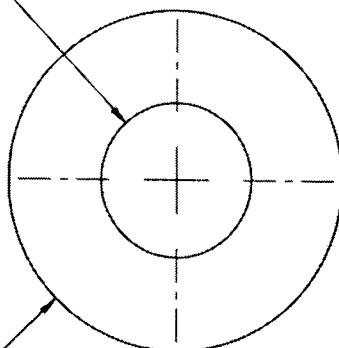
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3455	REV. A SHEET 1 OF 1
DATE 05.09.02		TITLE SPACER	SCALE 2:1
A	05.09.02	NEW ISSUE	

RELEASED

05.12.09 *[Signature]*

$\phi A^{+0.005}_{-0.000}$

ϕB



D3455-X

1) SPECIFICATION: D3455-X SPACER

DASH No.

WHERE 'X' IS THE SIZE PER THE FOLLOWING TABLE:

DASH No.	A (in)	B (in)	C (in)
-1	0.453	1.00	0.065
-3	0.386	1.00	0.050

NOTES:

- 1) MATERIAL: DELRIN ROUND BAR (REF. DART SPEC. M-DELRIN-R)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010

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